BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Pre-Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No.	6								
Item Name:	KSRB 2-2 Earthwork excavation by manual means for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications as per the directions of Engineer In Charge								

SL NO	CHAINAGE	NO	L (m)	B1 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:			27-05-2020, 18-06-2020					
In Kenchanahalli Burial Ground								
Column for Compound								
	Front Side	11	1.50	1.50	1.50	2.00	49.50	
	North Side	3	1.50	1.50	1.50	2.00	13.50	
	At Kalyani	4	1.50	1.50	1.50	2.00	18.00	
		6	1.50	1.50	1.50	2.00	27.00	
		5	1.50	1.50	1.50	2.00	22.50	
	Back Side	8	1.50	1.50	1.50	2.00	36.00	
		8	1.50	1.50	1.50	2.00	36.00	
	South Side	7	1.50	1.50	1.50	2.00	31.50	
		14	1.50	1.50	1.50	2.00	63.00	
SSM Foundation for Compound								
	Front Side	1	30.00	0.90	0.90	1.20	32.40	
		1	18.50	0.90	0.90	1.20	19.98	
	North Side	1	11.70	0.90	0.90	1.20	12.64	
	At Kalyani	1	8.60	0.90	0.90	1.20	9.29	
		1	15.60	0.90	0.90	1.20	16.85	
		1	3.60	0.90	0.90	1.20	3.89	
	Back Side	1	16.80	0.90	0.90	1.20	18.14	
		1	6.90	0.90	0.90	1.20	7.45	
		1	3.50	0.90	0.90	1.20	3.78	
		1	11.45	0.90	0.90	1.20	12.37	
		1	7.15	0.90	0.90	1.20	7.72	
	South Side	1	23.50	0.90	0.90	1.20	25.38	
		1	27.50	0.90	0.90	1.20	29.70	
		1	25.00	0.90	0.90	1.50	33.75	

Asst Engineer 18/6

Asst Executive Engineer

Executive Engineer

SL NO	CHAINAGE	NO	L (m)	B1 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
		1	15.00	0.90	0.90	1.50	20.25	
	Column for Room							
	4Nos	4	1.80	1.50	1.50	2.00	21.60	
	SSM Foundation							
	Long Wall	2	5.00	0.90	0.90	0.90	8.10	
	Short Wall	2	3.50	0.90	0.90	0.90	5.67	
	For Pipe Line							
		1	30.00	0.60	0.60	0.60	10.80	
		1	30.00	0.60	0.60	0.60	10.80	
		1	10.00	0.60	0.60	0.60	3.60	
	Total Quantity						**611.15**	**Cum**
	Quantity Carried to Summary						**611.15**	**Cum**

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst Engineer

Asst Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Pre-Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No. 7

Item Name: KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications as per the directions of Engineer In Charge

SL NO	CHAINAGE	NO	L (m)	B1 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:			07-04-2020					
In Kenchanahalli Burial Ground								
Column for Compound								
	Front Side	11	1.50	1.50	1.50	1.50	37.13	
	North Side	3	1.50	1.50	1.50	1.50	10.13	
	At Kalyani	4	1.50	1.50	1.50	1.50	13.50	
		6	1.50	1.50	1.50	1.50	20.25	
	Back Side	5	1.50	1.50	1.50	1.50	16.88	
		8	1.50	1.50	1.50	1.50	27.00	
	South Side	8	1.50	1.50	1.50	1.50	27.00	
		2	1.50	1.50	1.50	1.50	23.63	
		14	1.50	1.50	1.50	1.50	47.25	
SSM Foundation for Compound								
	Front Side	1	30.00	0.75	0.75	0.90	20.25	
		1	18.50	0.75	0.75	0.90	12.49	
	North Side	1	11.70	0.75	0.75	0.90	7.90	
	At Kalyani	1	8.60	0.75	0.75	0.90	5.81	
		1	15.60	0.75	0.75	0.90	10.53	
		1	3.60	0.75	0.75	0.90	2.43	
	Back Side	1	16.80	0.75	0.75	0.90	11.34	
		1	6.90	0.75	0.75	0.90	4.66	
		1	3.50	0.75	0.75	0.90	2.36	
		1	11.45	0.75	0.75	0.90	7.73	
		1	7.15	0.75	0.75	0.90	4.83	
	South Side	1	23.50	0.75	0.75	0.90	15.86	
		1	27.50	0.75	0.75	0.90	18.56	
		1	25.00	0.75	0.75	0.90	16.88	

Verified

Asst Engineer 7/4/2020

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)

Executive Engineer

SL NO	CHAINAGE	NO	L (m)	B1 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
		1	15.00	0.75	0.75	0.90	10.13	
	Column for Room							
	4Nos	4	1.50	1.30	1.30	1.50	11.70	
	SSM Foundation							
	Long Wall	2	5.00	0.75	0.75	0.75	5.63	
	Short Wall	2	3.50	0.75	0.75	0.75	3.94	
	For Pipe Line							
		1	30.00	0.60	0.60	0.50	9.00	
		1	30.00	0.60	0.60	0.50	9.00	
		1	10.00	0.60	0.60	0.50	3.00	
	Fill upto Plinth							
	For Room	1	4.80	3.30	3.30	0.50	7.92	
	Total Quantity						**424.67**	**Cum**
	Quantity Carried to Summary						**424.67**	**Cum**

Verified
21/4/2020

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk Zn)
Yelahanka, Bangalore
21/4/2020

QUALITY CIVIL DESIGN & CONSULTANCY
QUALEX PMC

21/4/2020

Asst Engineer

Asst Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Pre-Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No.	8							
Item Name:	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS 2.10.2 as per the directions of Engineer In Charge							

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:			02-06-2020, 20-06-2020				
In Kenchanahalli Burial Ground							
Column for Compound							
	Front Side	11	1.50	1.50	0.30	7.43	
	North Side	3	1.50	1.50	0.30	2.03	
	At Kalyani	4	1.50	1.50	0.30	2.70	
		6	1.50	1.50	0.30	4.05	
		5	1.50	1.50	0.30	3.38	
	Back Side	8	1.50	1.50	0.30	5.40	
		8	1.50	1.50	0.30	5.40	
	South Side	7	1.50	1.50	0.30	4.73	
		14	1.50	1.50	0.30	9.45	
SSM Foundation for Compound							
	Front Side	1	30.00	0.90	0.30	8.10	
		1	18.50	0.90	0.30	5.00	
	North Side	1	11.70	0.90	0.30	3.16	
	At Kalyani	1	8.60	0.90	0.30	2.32	
		1	15.60	0.90	0.30	4.21	
		1	3.60	0.90	0.30	0.97	
		1	16.80	0.90	0.30	4.54	
	Back Side	1	6.90	0.90	0.30	1.86	
		1	3.50	0.90	0.30	0.95	
		1	11.45	0.90	0.30	3.09	
		1	7.15	0.90	0.30	1.93	
		1	23.50	0.90	0.30	6.35	
	South Side	1	27.50	0.90	0.30	7.43	
		1	25.00	0.90	0.30	6.75	
		1	15.00	0.90	0.30	4.05	

Asst Engineer 26/6/2020

Asst Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn.)

Executive Engineer

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	Column for Room						
	4Nos	4	1.80	1.50	0.30	3.24	
	SSM Foundation						
	Long Wall	2	5.00	0.90	0.30	2.70	
	Short Wall	2	3.50	0.90	0.30	1.89	
	Total Quantity					113.08	Cum
	Quanity Limit to					183.25	Cum
	Quantity Carried to Summary					113.08	Cum

Verified
20/12

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk Zn)
Yelahanka, Bangalore

PMC

Asst Engineer 20/12/2020

Asst Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Pre-Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No. 9

Item Name: KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 as per the directions of Engineer In Charge

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:			10-06-2020, 29-06-2020				
In Kenchanahalli Burial Ground							
Column for Compound							
	Front Side	11	1.50	1.50	0.20	4.95	
	North Side	3	1.50	1.50	0.20	1.35	
	At Kalyani	4	1.50	1.50	0.20	1.80	
		6	1.50	1.50	0.20	2.70	
		5	1.50	1.50	0.20	2.25	
	Back Side	8	1.50	1.50	0.20	3.60	
		8	1.50	1.50	0.20	3.60	
	South Side	7	1.50	1.50	0.20	3.15	
		14	1.50	1.50	0.20	6.30	
SSM Foundation for Compound							
	Front Side	1	30.00	0.90	0.20	5.40	
		1	18.50	0.90	0.20	3.33	
	North Side	1	11.70	0.90	0.20	2.11	
	At Kalyani	1	8.60	0.90	0.20	1.55	
		1	15.60	0.90	0.20	2.81	
		1	3.60	0.90	0.20	0.65	
		1	16.80	0.90	0.20	3.02	
	Back Side	1	6.90	0.90	0.20	1.24	
		1	3.50	0.90	0.20	0.63	
		1	11.45	0.90	0.20	2.06	
		1	7.15	0.90	0.20	1.29	
		1	23.50	0.90	0.20	4.23	
	South Side	1	27.50	0.90	0.20	4.95	

Verified

PMC Asst Engineer 29/6/2020

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst Executive Engineer

Executive Engineer

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
		1	25.00	0.90	0.20	4.50	
		1	15.00	0.90	0.20	2.70	
Column for Room							
	4Nos	4	1.80	1.50	0.20	2.16	
SSM Foundation							
	Long Wall	2	5.00	0.90	0.20	1.80	
	Short Wall	2	3.50	0.90	0.20	1.26	
Fpr Flooring							
	Inside	1	4.80	3.30	0.15	2.38	
	Outside	1	10.00	1.50	0.15	2.25	
	Total Quantity					80.01	Cum
	Quantity Carried to Summary					80.01	Cum

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk Zn)
Yelahanka, Bangalore

GLIEX CIVIL DESIGN & CONSULTANCY

PMC

29/6/2020

Asst Engineer

Asst Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Pre-Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No.	10							
Item Name:	KSRB 5.2 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar, stone hammered dressed in courses not less than 20 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 - do - cement mortar 1:6 KBS 5.1.13 as per the directions of Engineer In Charge							

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:			07-03-2020				
In Kenchanahalli Burial Ground							
SSM Foundation for Compound							
Step-1							
	Front Side	1	30.00	0.75	0.40	9.00	
		1	18.50	0.75	0.40	5.55	
	North Side	1	11.70	0.75	0.40	3.51	
	At Kalyani	1	8.60	0.75	0.40	2.58	
		1	15.60	0.75	0.40	4.68	
		1	3.60	0.75	0.40	1.08	
		1	16.80	0.75	0.40	5.04	
	Back Side	1	6.90	0.75	0.40	2.07	
		1	3.50	0.75	0.40	1.05	
		1	11.45	0.75	0.40	3.44	
		1	7.15	0.75	0.40	2.15	
		1	23.50	0.75	0.40	7.05	
	South Side	1	27.50	0.75	0.40	8.25	
		1	25.00	0.75	0.60	11.25	
		1	15.00	0.75	0.60	6.75	
Step-2							
	Front Side	1	30.00	0.60	0.40	7.20	
		1	18.50	0.60	0.40	4.44	
	North Side	1	11.70	0.60	0.40	2.81	
	At Kalyani	1	8.60	0.60	0.40	2.06	

QUALITEX CIVIL DESIGN & CONSULTANCY PMC

Asst Engineer

Asst.Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Executive Engineer

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
		1	15.60	0.60	0.40	3.74	
		1	3.60	0.60	0.40	0.86	
		1	16.80	0.60	0.40	4.03	
	Back Side	1	6.90	0.60	0.40	1.66	
		1	3.50	0.60	0.40	0.84	
		1	11.45	0.60	0.40	2.75	
		1	7.15	0.60	0.40	1.72	
		1	23.50	0.60	0.40	5.64	
	South Side	1	27.50	0.60	0.40	6.60	
		1	25.00	0.60	0.60	9.00	
		1	15.00	0.60	0.60	5.40	
Step-3							
	Front Side	1	30.00	0.45	0.40	5.40	
		1	18.50	0.45	0.40	3.33	
	North Side	1	11.70	0.45	0.40	2.11	
	At Kalyani	1	8.60	0.45	0.40	1.55	
		1	15.60	0.45	0.40	2.81	
		1	3.60	0.45	0.40	0.65	
		1	16.80	0.45	0.40	3.02	
	Back Side	1	6.90	0.45	0.40	1.24	
		1	3.50	0.45	0.40	0.63	
		1	11.45	0.45	0.40	2.06	
		1	7.15	0.45	0.40	1.29	
		1	23.50	0.45	0.40	4.23	
	South Side	1	27.50	0.45	0.40	4.95	
		1	25.00	0.45	0.40	4.50	
		1	15.00	0.45	0.40	2.70	
SSM Foundation for Room							
Step-1							
	Long Wall	2	5.00	0.75	0.40	3.00	
	Short Wall	2	3.50	0.75	0.40	2.10	
Step-2							
	Long Wall	2	5.00	0.60	0.40	2.40	
	Short Wall	2	3.50	0.60	0.40	1.68	
Step-3							
	Long Wall	2	5.00	0.60	0.20	1.20	
	Short Wall	2	3.50	0.60	0.20	0.84	
	Total Quantity					183.88	Cum
	Quantity Carried to Summary					183.88	Cum

Verified
Ruyall 4/3/2020

QUALITY CIVIL DESIGN & CONSULTANCY
QUALITEX
PMC

Asst Engineer 4/3/2020

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Pre-Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No.	11							
Item Name:	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 as per the directions of Engineer In Charge							

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:		07-04-2020					
In Kenchanahalli Burial Ground							
SSM Foundation for Compound							
Basement Course							
	Front Side	1	30.00	0.45	0.40	5.40	
		1	18.50	0.45	0.40	3.33	
	North Side	1	11.70	0.45	0.40	2.11	
	At Kalyani	1	8.60	0.45	0.40	1.55	
		1	15.60	0.45	0.40	2.81	
		1	3.60	0.45	0.40	0.65	
		1	16.80	0.45	0.40	3.02	
	Back Side	1	6.90	0.45	0.40	1.24	
		1	3.50	0.45	0.40	0.63	
		1	11.45	0.45	0.40	2.06	
		1	7.15	0.45	0.40	1.29	
		1	23.50	0.45	0.40	4.23	
	South Side	1	27.50	0.45	0.40	4.95	
		1	25.00	0.45	0.40	4.50	
		1	15.00	0.45	0.40	2.70	
SSM Foundation for Room							
	Long Wall	2	5.00	0.45	0.40	1.80	
	Short Wall	2	3.50	0.45	0.40	1.26	
	Total Quantity					43.52	Cum
	Quantity Carried to Summary					43.52	Cum

Measurements visited & checked & found correct

Asst Engineer

Asst Executive Engineer

Executive Engineer

PMC

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

-Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No.	12							
Item Name:	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, HOM curing complete as per specifications. as per the directions of Engineer In Charge							

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	Measurement Recorded On:	07-04-2020					
	In Kenchanahalli Burial Ground						
	SSM Foundation for Compound						
Basement Course							
	Front Side	2	30.00		0.40	24.00	
		2	18.50		0.40	14.80	
	North Side	2	11.70		0.40	9.36	
	At Kalyani	2	8.60		0.40	6.88	
		2	15.60		0.40	12.48	
		2	3.60		0.40	2.88	
		2	16.80		0.40	13.44	
	Back Side	2	6.90		0.40	5.52	
		2	3.50		0.40	2.80	
		2	11.45		0.40	9.16	
		2	7.15		0.40	5.72	
		2	23.50		0.40	18.80	
	South Side	2	27.50		0.40	22.00	
		2	25.00		0.40	20.00	
		2	15.00		0.40	12.00	
	SSM Foundation for Room						
	Long Wall	4	5.00		0.40	8.00	
	Short Wall	4	3.50		0.40	5.60	
	Total Quantity					**193.44**	**Sqm**
	Quantity Carried to Summary					**193.44**	**Sqm**

Measurement checked & verified found correct

7/4/2020

QUALITY ★ CIVIL DESIGN & CONSULTANCY ★ PMC ★ LEX

Asst Engineer 7/4/2020

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn) 7/4/2020
Yelahanka, Bangalore

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Pre-Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No. 15

Item Name: KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work TMT bars Fe500 including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification No. KBS 4.6.3 as per the directions of Engineer In Charge

Chainage From	Chainage To	Unit	No	Dia in mm	Span	Length of bar	Spacing (m)	Total No.of	Total Length of bar (m) (7	Weight per m	Qty in Kgs (10 x 11)	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13
		Tonne										
Premeasurement recorded on:		15-06-2020, 16-06-2020, 09-07-2020, 20-07-2020, 22-07-2020										
In Kenchanahalli Burial Ground												
Column footing												
Front Side	11Nos	22	12.00	1.50	2.10	0.100	331.00	695.10	0.88	611.69		
		22	12.00	2.10	2.10	0.100	463.00	972.30	0.88	855.62		
North Side	3Nos	6	12.00	1.50	2.10	0.100	91.00	191.10	0.88	168.17		
		6	12.00	2.10	2.10	0.100	127.00	266.70	0.88	234.70		
At Kalyani	4Nos	8	12.00	1.50	2.10	0.100	121.00	254.10	0.88	223.61		
		8	12.00	2.10	2.10	0.100	169.00	354.90	0.88	312.31		
	6Nos	12	12.00	1.50	2.10	0.100	181.00	380.10	0.88	334.49		
		12	12.00	2.10	2.10	0.100	253.00	531.30	0.88	467.54		
	5Nos	10	12.00	1.50	2.10	0.100	151.00	317.10	0.88	279.05		
		10	12.00	2.10	2.10	0.100	211.00	443.10	0.88	389.93		
Back Side	8Nos	16	12.00	1.50	2.10	0.100	241.00	606.10	0.88	533.37		
		16	12.00	2.10	2.10	0.100	337.00	807.70	0.88	710.78		

Verified

22/7/2020

Asst Engineer 22/7/2020

Asst. Executive Engineer 22/7/2020

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP) Ynk.Zone

Executive Engineer

Chainage From	Chainage To	Unit	No	Dia in mm	Span	Length of bar	Spacing (m)	Total No.of	Total Length of bar (m) (7	Weight per m	Qty in Kgs (10 x 11)	Remarks
			1	12.00	3.60	3.60		4.00	14.40	0.88	12.67	
			1	16.00	3.60	3.60		1.00	3.60	1.58	5.69	
			1	8.00	3.60	1.30	0.100	37.00	48.10	0.39	18.76	
			1	12.00	16.80	16.80		4.00	67.20	0.88	59.14	
			1	16.00	16.80	16.80		1.00	16.80	1.58	26.54	
			1	8.00	16.80	1.30	0.100	169.00	219.70	0.39	85.68	
Back Side			1	12.00	6.90	6.90		4.00	27.60	0.88	24.29	
			1	16.00	6.90	6.90		1.00	6.90	1.58	10.90	
			1	8.00	6.90	1.30	0.100	70.00	91.00	0.39	35.49	
			1	12.00	3.50	3.50		4.00	14.00	0.88	12.32	
			1	16.00	3.50	3.50		1.00	3.50	1.58	5.53	
			1	8.00	3.50	1.30	0.100	36.00	46.80	0.39	18.25	
			1	12.00	11.45	11.45		4.00	45.80	0.88	40.30	
			1	16.00	11.45	11.45		1.00	11.45	1.58	18.09	
			1	8.00	11.45	1.30	0.100	116.00	150.80	0.39	58.81	
			1	12.00	7.15	7.15		4.00	28.60	0.88	25.17	
			1	16.00	7.15	7.15		1.00	7.15	1.58	11.30	
			1	8.00	7.15	1.30	0.100	73.00	94.90	0.39	37.01	
			1	12.00	23.50	23.50		4.00	94.00	0.88	82.72	
			1	16.00	23.50	23.50		1.00	23.50	1.58	37.13	
			1	8.00	23.50	1.30	0.100	236.00	306.80	0.39	119.65	

Verified
22/7

QUALITEX CIVIL DESIGN & CONSULTANCY

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)

Executive Engineer

Chainage From	Chainage To	Unit	No	Dia in mm	Span	Length of bar	Spacing (m)	Total No.of	Total Length of bar (m) (7	Weight per m	Qty in Kgs (10 x 11)	Remarks
South Side			1	12.00	27.50	27.50		4.00	110.00	0.88	96.80	
			1	16.00	27.50	27.50		1.00	27.50	1.58	43.45	
			1	8.00	27.50	1.30	0.100	276.00	358.80	0.39	139.93	
			1	12.00	25.00	25.00		4.00	100.00	0.88	88.00	
			1	16.00	25.00	25.00		1.00	25.00	1.58	39.50	
			1	8.00	25.00	1.30	0.100	251.00	326.30	0.39	127.26	
			1	12.00	15.00	15.00		4.00	60.00	0.88	52.80	
			1	16.00	15.00	15.00		1.00	15.00	1.58	23.70	
			1	8.00	15.00	1.30	0.100	151.00	196.30	0.39	76.56	
Column Above Plinth												
Front Side		11Nos	11	12.00	1.05	1.80		4.00	7.20	0.88	6.34	
			11	8.00	1.05	1.10	0.120	97.00	106.70	0.39	41.61	
North Side		3Nos	3	12.00	1.05	1.80		4.00	7.20	0.88	6.34	
			3	8.00	1.05	1.10	0.120	27.00	29.70	0.39	11.58	
At Kalyani		4Nos	4	12.00	1.05	1.80		4.00	7.20	0.88	6.34	
			4	8.00	1.05	1.10	0.120	36.00	39.60	0.39	15.44	
		6Nos	6	12.00	1.05	1.80		4.00	7.20	0.88	6.34	
			6	8.00	1.05	1.10	0.120	54.00	59.40	0.39	23.17	
		5Nos	5	12.00	1.05	1.80		4.00	7.20	0.88	6.34	
			5	8.00	1.05	1.10	0.120	45.00	49.50	0.39	19.31	
Back Side		8Nos	8	12.00	1.05	1.80		4.00	7.20	0.88	6.34	

Verified
Rugali 22/4

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn.)
Yelahanka, Bangalore

Executive Engineer

Chainage From	Chainage To	Unit	No	Dia in mm	Span	Length of bar	Spacing (m)	Total No.of	Total Length of bar (m) (7	Weight per m	Qty in Kgs (10 x 11)	Remarks
Short Wall			2	12.00	3.50	3.50		4.00	14.00	0.88	12.32	
			2	16.00	3.50	3.50		1.00	3.50	1.58	5.53	
			2	8.00	3.50	1.30	0.100	71.00	92.30	0.39	36.00	
Overall Lintel												
Long Wall			2	10.00	5.00	5.00		4.00	20.00	0.62	12.40	
			2	8.00	5.00	0.50	0.100	101.00	50.50	0.39	19.70	
Short Wall			2	10.00	3.50	3.50		4.00	14.00	0.62	8.68	
			2	8.00	3.50	0.50	0.100	71.00	35.50	0.39	13.85	
Roof Beam												
Long Wall			2	12.00	5.00	5.00		4.00	20.00	0.88	17.60	
			2	8.00	5.00	0.80	0.100	101.00	80.80	0.39	31.51	
Short Wall			2	12.00	3.50	3.50		4.00	14.00	0.88	12.32	
			2	8.00	3.50	0.80	0.100	71.00	56.80	0.39	22.15	
Roof Slab												
			2	10.00	5.20	4.30	0.100	105.00	451.50	0.62	279.93	
			2	10.00	4.30	5.20	0.100	87.00	452.40	0.62	280.49	
		Total Qty in Kgs									13169.75	
		Total Quantity									13.17	Tonne
		Quantity Carried to Summary									13.17	Tonne

QUALITY CIVIL DESIGN & CONSULTANCY

Asst Engineer 22/12/2020

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Yhk. Zn)
Yelahanka, Bangalore

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Pre-Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No.	16								
Item Name:	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 as per the directions of Engineer In Charge								

SL NO	CHAINAGE	NO	L (m)	B1 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:			15-06-2020					
In Kenchanahalli Burial Ground								
Column footing for Compound								
	Front Side	11	6.00			0.45	29.70	
	North Side	3	6.00			0.45	8.10	
	At Kalyani	4	6.00			0.45	10.80	
		6	6.00			0.45	16.20	
		5	6.00			0.45	13.50	
	Back Side	8	6.00			0.45	21.60	
		8	6.00			0.45	21.60	
	South Side	7	6.00			0.45	18.90	
		14	6.00			0.45	37.80	
Column footing for Room								
		4	6.60			0.60	15.84	
	Total Quantity						194.04	Sqm
	Quanity Limit to						494.28	Sqm
	Quantity Carried to Summary						194.04	Sqm

PMC

Asst Engineer 15/6/2020

Asst Executive Engineer

Asst Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Pre-Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No.	17								
Item Name:	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 as per the directions of Engineer In Charge								

SL NO	CHAINAGE	NO	L (m)	B1 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:			16-06-2020					
For Compound Wall								
Column Upto Plinth								
	Front Side	11	1.20			1.05	13.86	
	North Side	3	1.20			1.05	3.78	
	At Kalyani	4	1.20			1.05	5.04	
		6	1.20			1.05	7.56	
		5	1.20			1.05	6.30	
	Back Side	8	1.20			1.05	10.08	
		8	1.20			1.05	10.08	
	South Side	7	1.20			1.05	8.82	
		14	1.20			1.05	17.64	
Column Above Plinth								
	Front Side	11	1.20			1.70	22.44	
	North Side	3	1.20			1.70	6.12	
	At Kalyani	4	1.20			2.80	13.44	
		6	1.20			2.80	20.16	
		5	1.20			2.80	16.80	
	Back Side	2	1.20			2.80	6.72	
		4	1.20			2.40	11.52	
		2	1.20			1.80	4.32	
		8	1.20			1.80	17.28	
	South Side	7	1.20			1.80	15.12	
	North Side	14	1.20			1.80	30.24	

PMC

Asst Engineer 16/6/2020

Asst Executive Engineer

Asst. Executive Engineer
Yelahanka Sub Division
BBMP, Yelahanka

Executive Engineer

SL NO	CHAINAGE	NO	L (m)	B1 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
For Room								
Column upto plinth		4	1.30			0.90	4.68	
Column above plinth		4	1.30			3.65	18.98	
Total Quantity							270.98	Sqm
Quantity Carried to Summary							270.98	Sqm

16/6

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

PMC

16/6/2020

Asst Engineer | Asst Executive Engineer | Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No.	19								
Item Name:	KSRB 5-14.1 : Providing and constructing load bearing wall with solid concrete blocks having block of size 400x200x200mm density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 as per the directions of Engineer In Charge								

SL NO	CHAINAGE	NO	L (m)	B1 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	Measurement Recorded On:		23/07/20220					
Compound Wall								
	Front Side	1	30.00			1.70	51.00	
		1	18.50			1.70	31.45	
	North Side	1	11.70			1.70	19.89	
	At Kalyani	1	8.60			2.80	24.08	
		1	15.60			2.80	43.68	
		1	3.60			2.80	10.08	
		1	16.80			2.80	47.04	
	Back Side	1	6.90			2.80	19.32	
		1	3.50			2.50	8.75	
		1	11.45			2.20	25.19	
		1	7.15			1.80	12.87	
	South Side	1	23.50			1.80	42.30	
		1	27.50			1.70	46.75	
		1	25.00			2.00	50.00	
		1	15.00			2.00	30.00	
	Deduction							
	Gate	-1	3.80			1.70	-6.46	
Room								
	Long Wall	2	5.00			2.80	28.00	
	Short Wall	2	3.50			2.80	19.60	
Parapet Wall								
	Long Wall	2	5.00			0.40	4.00	
	Short Wall	2	4.30			0.40	3.44	

Measurement Verified checked & found correct

23/7/2020

PMC

Asst Engineer 24/7/2020

Asst Executive Engineer
Yelahanka Sub Division
(BBMP Ynk Zn)
Yelahanka, Bangalore

Executive Engineer

SL NO	CHAINAGE	NO	L (m)	B1 (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	Deduction							
	Door	-1	1.50			2.10	-3.15	
	Window, W	-2	1.20			1.20	-2.88	
	Total Quantity						504.95	Sqm
	Quantity Carried to Summary						504.95	Sqm

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

QUALITY CIVIL DESIGN & CONSULTANCY
BMC

Asst Engineer 23/12/2020

Asst Executive Engineer

Executive Engineer

Yelahanka, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No.	20							
Item Name:	KSRB15-3 : Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification. as per the directions of Engineer In Charge							

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:		27-07-2020					
Compound Wall							
	Front Side	2	30.00		1.70	102.00	
		2	18.50		1.70	62.90	
	North Side	2	11.70		1.70	39.78	
	At Kalyani	2	8.60		2.80	48.16	
		2	15.60		2.80	87.36	
		2	3.60		2.80	20.16	
		2	16.80		2.80	94.08	
	Back Side	2	6.90		2.80	38.64	
		2	3.50		2.50	17.50	
		2	11.45		2.20	50.38	
		2	7.15		1.80	25.74	
	South Side	2	23.50		1.80	84.60	
		2	27.50		1.70	93.50	
		2	25.00		2.00	100.00	
		2	15.00		2.00	60.00	
	Deduction						
	Gate	-2	3.80		1.70	-12.92	
Room							
Outside							
	Long Wall	2	5.20		3.10	32.24	
	Short Wall	2	3.70		3.10	22.94	
Inside							
	Long Wall	2	4.80		3.00	28.80	

Measurements Verified checked & found correct

PMC

Asst Engineer 22/12/2020

Asst Executive Engineer

Yelahanka Sub Division
(BBMP Ynk. Zn.)
Yelahanka, Bangalore

Executive Engineer

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Short Wall		2	3.50		3.00	21.00	
Parapet Wall							
	Long Wall	2	5.20		0.75	7.80	
	Short Wall	2	4.30		0.75	6.45	
Celing							
	Inside	1	4.80	3.30		15.84	
Outside Projection		1	5.20	0.60		3.12	
	Chejja	2	1.40	0.45		1.26	
Deduction							
	Door	-2	1.50		2.10	-6.30	
	Window/W	-4	1.20		1.20	-5.76	
	Total Quantity					1039.27	Sqm
	Quantity Carried to Summary					1039.27	Sqm

Measurements Checked and found correct.

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

PMC

Asst Engineer 27/11/20

Asst Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No.	31							

Item Name: Fabrication, providing and erecting in position Hot dip galvanised Gate using 72 x72 x 4mm Sq. GI Pipe frame with top pipe bending in heavy hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised Sq. rod for verticals at 150mm c/c, as shown in the drawing including providing ho dip galvanised forged ornamental design in between sq. rods and heads at top, middle and bottom. Intermediate supports of 72x12mm and 50x6mm arch bent to hot dip galvanised flats the work is inclusive of troughing GI flat GI sq. rods, placing, welding all the joints including grinding, finishing metal patty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq rods, GI gorged designs etc., heavy duty hinges are made out of 75mm solid sq block assembled with 20mm dia bearing in three places for each flop. Heavy duty locking arrangements at two places including cost of labour, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per directions of the engineer-in-charge of the work.

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:			24/07/2020				
	Gate		1	3.80	1.80	6.84	
	Total Quantity					6.84	Sqm
	Quantity Carried to Summary					6.84	Sqm

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP)
Yelahanka, Bangalore

PMC

Asst Engineer

Asst Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No.	E1							
Item Name:	Geophysical Investigation of site for sinking Borewell for supplying drinking water to the habitation either through a hand pump, Mini Water Supply scheme, or Piped Water Supply Scheme by vertical electrical sounding by adopting venner or Schlumberger's method, including reconnaissance survey of geological formation, geophysical investigation of existing ground water in the vicinity, its quality, quantity & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation incluing an extra depth of 1.0 metre in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personal and labour required etc., complete as Per Specifications (RDWS SR -2019-20 C-13/I.13.04)							

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	Measurement Recorded On:		07-02-2020				
For Borewell							
			1				
	C & FC					1.00	
	Total Quantity					1.00	Nos
	Quantity Carried to Summary					1.00	Nos

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

GUARANTEE DESIGN & CONSULTANCY PMC

Asst Engineer

Asst Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No.	E2							
Item Name:	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burdern. Fixing of casing pipes, collars and cap with necessary cutting, threading and welding including transportation of rig and supporting vehicle, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (Excluding cost of casing pipes, collars, cap etc.,complete) (RDWS G.O. Dt. 02.05-2019 Adoc Rates) C-13 I. No. 13.01 For New Borewells(For New Borewells) a) 0.00 to 50.00 mtrs							

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:			07-03-2020				
For Borewell							
a) 0.00 to 50.00 mtrs		1	50.00			50.00	
	C&FC						
	Total Quantity					50.00	m
	Quantity Carried to Summary					50.00	m

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

QUALITY CIVIL DESIGN & CONSULTANCY
PMC

Asst Engineer 7/3/2020

Asst Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No.	E3							
Item Name:	b) 50.00 to 100.00 mtrs							

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	Measurement Recorded On:		07-03-2020				
For Borewell							
	b) 50.00 to 100.00 mtrs	1	50.00			50.00	
	Total Quantity					50.00	m
	Quantity Carried to Summary					50.00	m

7/3

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

QUALITY CIVIL DESIGN & CONSULTANCY
PMC

Asst Engineer 7/3/2020

Asst Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No.	E4							
Item Name:	c) 100.00 to 150.00 mtrs							

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:		07-03-2020					
For Borewell							
c) 100.00 to 150.00 mtrs		1	50.00			50.00	
		Total Quantity				50.00	m
		Quantity Carried to Summary				50.00	m

C&FC

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

PMC

Asst Engineer

Asst Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No.	E7							
Item Name:	f) 250.00 to 300.00 mtrs							
SL NO	**CHAINAGE**	**NO**	**L (m)**	**Avg B (m)**	**Avg D (m)**	**QTY**	**REMARKS**	
Measurement Recorded On:			07-03-2020					
For Borewell								
f) 250.00 to 300.00 mtrs			1	50.00			50.00	
			Total Quantity				50.00	m
			Quantity Carried to Summary				50.00	m

Asst Engineer
Ward No 02
BBMP

Asst Executive Engineer
Yelahanka Sub Division
(BBMP Yak Zn)
Yelahanka, Bangalore

PMC

Asst Engineer 13/2020

Asst Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No.	E9							
Item Name:	Supply of ISI mark 175mm nominal bore,Plain end steel casing pipe -grade of steel FE-410 of Wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by basic open hearth electric or basic oxygen process in random length of 5 to 7mtrs .Both ends threaded confirming to IS 554/1985,one end fixed with socket confirming to IS 4270:2001 and the other end with screwed pipes. All pipes shall be reasonabley free from defects. The tubes shall be reasonably straight should be with ISI Marking ,Weighing 25.10kg/mtr(Inclussive of all Taxes and Duties) (PRED SR 2012-13 I/84)							

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:			07-03-2020				
For Borewell							
Casing Pipe		1	60.00			60.00	
	Total Quantity					60.00	m
	Quantity Carried to Summary					60.00	m

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

PMC

Asst Engineer

Asst Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No.	E14							
Item Name:	Supplying and Drawing 3 Core Flat PVC Shelted Submerisible Pump Cable Manufactured With Electrolytic grade copper with flexible copper conductor confirming to table 3 class 5of IS 8130-1984 and Virgin PVC insulation and Sheeated Suitable for working Voltage Upto 1100 Volts as per I-694:1990 & confirming to GTP of GROUP-A. 3C x 6.0Sqm (Page No:7 Iten No:2.6.4 ELE SR SR 2019-20)							

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	Measurement Recorded On:		13/7/2020				
For Borewell							
			2	50.00		100.00	
			2	50.00		100.00	
			2	50.00		100.00	
			2	50.00		100.00	
			2	50.00		100.00	
			2	50.00		100.00	
			2	50.00		100.00	
			2	30.00		60.00	
	Total Quantity					660.00	m
	Quantity Carried to Summary					660.00	m

13/7

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

PMC

13/7/2020

Asst Engineer

Asst Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No.	E15							
Item Name:	Providing and fixing in position 50mm nominal bore non-return valve vertical type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.(Page no.95, Item no.13.62) KPWD SR 2018-19							
SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS	
Measurement Recorded On:			13/7/2020					
For Borewell								
			1				1.00	
			Total Quantity				1.00	Nos
			Quantity Carried to Summary				1.00	Nos

13/7

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

PMC

13/7/2020

Asst Engineer

Asst Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No.	E16							
Item Name:	Supplying and fixing 50mm GM Gate valve PWD SR 2018-19 Pg No:XXVI Item No: 661							

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:			13/7/2020				
For Borewell							
		1				1.00	
	C&FC						
	Total Quantity					1.00	Nos
	Quantity Carried to Summary					1.00	Nos

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

CIVIL DESIGN & CONSULTANCY
PMC

13/7/2020

Asst Engineer

Asst Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No.	E18							
Item Name:	Supplying and fixing 50mm GI Elbow PWD SR 2016-17 Page No: XXXIX, Item No: GI Pipe Fitting Components							

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:			13/7/2020				
For Borewell							
			1 2			2.00	
	Total Quantity					2.00	Nos
	Quantity Carried to Summary					2.00	Nos

13/07

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk Zn)
Yelahanka, Bangalore

PMC

Asst Engineer 13/7/2020

Asst Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No.	E19							
Item Name:	Supplying and fixing 50mm GI Elbow PWD SR 2016-17 Page No: XXXIX, Item No: GI Pipe Fitting Components							

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:			13/7/2020				
For Borewell							
						2.00	
	Total Quantity					2.00	Nos
	Quantity Carried to Summary					2.00	Nos

13/07

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

PMC

Asst Engineer

Asst Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No.	E22							
Item Name:	Supplying and fixing LED Type panel board indicating lamp with required colour Suitable for 220 V AC 50Hz 12/24 V DC Group 'A' (Page No-29 , Item No-5.38, ELE SR 2019-20)							

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:			13/7/2020				
For Borewell							
						3.00	
	Total Quantity					3.00	Nos
	Quantity Carried to Summary					3.00	Nos

13/07

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

CIVIL DESIGN & CONSULTANCY

PMC

13/7/2020

Asst Engineer

Asst Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No.	E25							
Item Name:	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975 4 core 16 sqmm (Page No-40 , Item No-6.4.4, ELE SR 2019-20)							

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:			14/7/2020				
For Borewell							
			24.00			24.00	
	Total Quantity					**24.00**	**m**
	Quantity Carried to Summary					**24.00**	**m**

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

PMC

Asst Engineer

Asst Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

67

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No.	E29							
Item Name:	Supplying and Fixing angle iron Frame Work Fabricated out of MS Angle iron and MS flat With Bolts, Washer etc., and Painted with 2 Coats of red Oxide and Then Two Coats of Approved Paint 40X40X 6 mm (Page No-30 , Item No-5.41.1, ELE SR 2019-20)							

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:			14/7/2020				
For Borewell							
		1	5.00			5.00	
	C2FC						
	Total Quantity					5.00	m
	Quantity Carried to Summary					5.00	m

14/07

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

PMC

Asst Engineer 14/7/2020

Asst Executive Engineer

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Improvements to Burial Ground at Yelahanka and Kenchenahalli in Ward No.01 & 02 of Yelahanka Sub Division (PACKAGE-03)

Measurement Sheet

1st & Part Bill

Name of Agency: Sri.Rajeswaren Satheesh (Sathya Constructions)

Item No.	E34							

Item Name: KSRB 10-3 : Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick joint less cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm square. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test including cost of materials, labour complete as per specifications. (KPWD SR 2018-19, Page No.68, Item No.10.2)

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Measurement Recorded On:			~~08-01-2020~~ 25-07-2020				
For Room Roof							
		1	5.20	4.90		22.36	
	Total Quantity					22.36	Sqm
	Quantity Carried to Summary					22.36	Sqm

25/07

Asst. Executive Engineer
Yelahanka Sub Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst Engineer

Asst Executive Engineer

Executive Engineer